



Product Evaluation

RWA06 | 0217

Engineering Services Program

The following product has been evaluated for compliance with the wind loads specified in the International Residential Code (IRC) and the International Building Code (IBC).

This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.

This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code, and the Texas Engineering Practice Act.

For more information, contact TDI Engineering Services Program at (800) 248-6032.

Evaluation ID: RWA-06

Effective Date: February 1, 2017

Re-evaluation Date: November 2020

Product Name: Translucent Polycarbonate UniQuad Panel System, Impact Resistant

Manufacturer: CPI Daylighting, Inc.
28662 North Ballard Drive
Lake Forest, IL 60045
(800) 759-6985

General Description:

System	Description	Design Pressure Rating
1	Translucent Polycarbonate UniQuad Panel System	±100 psf

Product Dimensions:

System	Overall Size	Maximum Grid Size
1	10'-0" x 6'-1"	23-5/8" x 60"

Product Identification (Manufacturer Label on Assembly):

System		
1	Manufacturer's Name	CPI Daylighting
	Product Name	UniQuad Panel system
	Test Standards	ASTM E330-10/ASTM E1886-13a/ASTM E1996-12 Missile Level D

Impact Resistance:

System	Impact Resistant	Requirement
1	Yes	These products satisfy the Texas Department of Insurance's criteria for protection from windborne debris in the Inland I and Seaward zone. The assemblies may be installed at any height on the structure as long as the design pressure rating for the assemblies is not exceeded.

Installation:

System		
1	Type of Installation	New Construction-Frame installation
	Wall Framing	6005-T5 Aluminum Framing 1/8" min. thickness
	Fasteners	The assembly must be installed per CPI Daylighting, Inc. drawing titled "Uniquad Installation Instruction Vertical Wall" dated April 27, 2015, signed and sealed by Hermes Norero P.E. on April 10, 2016.
	Fastener Location/Spacing	
	Fastener Penetration	

Note: Keep the manufacturer's installation instructions available on the job site during installation. Use corrosion resistant fasteners as specified in the IRC, the IBC, and the Texas Revisions.